

Traction Motor Wick Lubricators • Bearing Flange Lubricators Gutter Seals • Gutters • Dust Seals • Pinion Seals • Splitline Seals • Comm. End Dust Guards • Accessory Hardware • Gearcase & Combo Assembly Kits • Journal & Support Bearing Oil filler Caps • Gearcase Filler Caps • Locomotive Pedestal Liners • Soft Insert Pedestal Liners • Torque-Control Pedestal Liner Fasteners • Bolster Wear Plates • Brake Beam Guide Wear Plates • Journal Box & Spring Pads • One-Piece & Two-Piece Center Bowl Liners • Spacers & Shims • Lateral Wear Plates • Coupler Carrier Wear Plates • Wear Rings • Half-Cylinder Wear Liners • Vent Caps and Breather Filters • Traction Motor Cable Cleats and Brackets • Commutator Ring Clamps • Automatic & Independent Brake Handles • Reverser Handles • Vent Protectors • Housings and Covers • Lights and Lenses • Freight Car Coupler Carrier • Center Plate • Brake Beam Guide Wear Liners • Center Plate Lubricant Disks • Traction Motor Wick Lubricators • Upper Deck Oil Deflectors

MILLER FELPAX

Toll-Free (877)843-0767

Phone (507)452-2461 **Fax** (507)452-2463

1155 East 8th Street, Winona, MN 55987

MILLER FELPAX

the **DIRECT EFFECT**

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MILLER FELPAX



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You Already Use The Parts We Make



Traction Motor Parts

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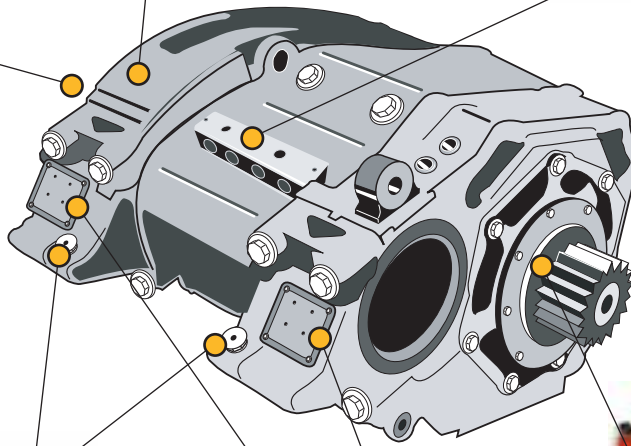
Brush Inspection Cover



Cable Cleat



General Traction Motor



Gutters (Commutator End)



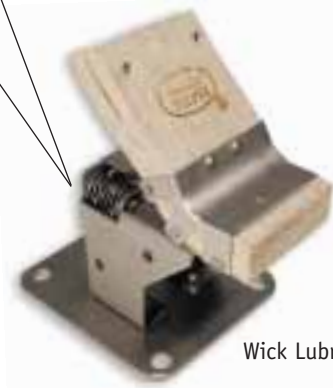
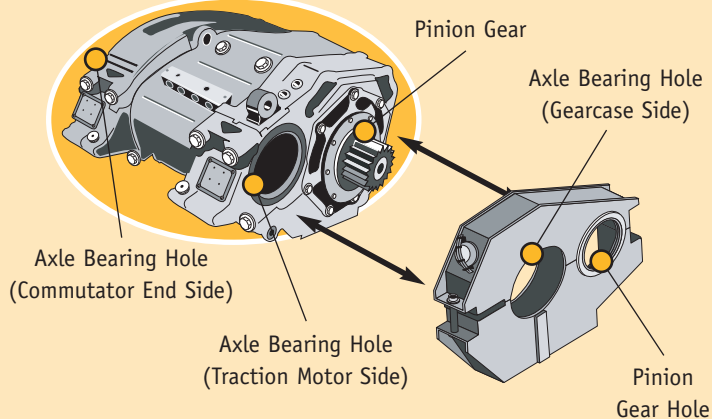
Armature Bearing Seal



Oil Filler Cap



Traction Motor & Gearcase



Wick Lubricator

Gearcase Parts

You Already Use The Parts We Make

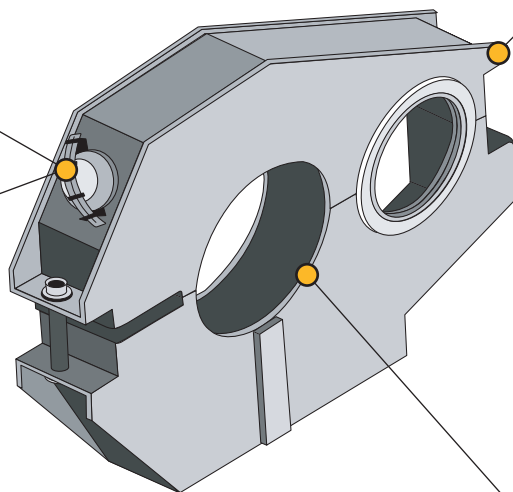
Gearcase Filler Cap (EMD)



Gearcase Filler Cap (GE)



General Gearcase



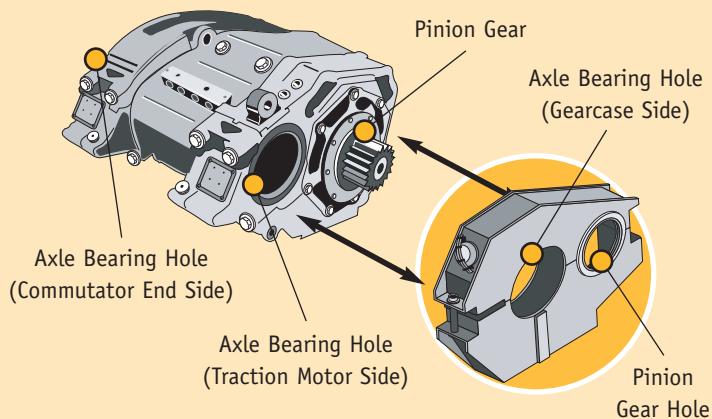
Gearcase Pinion Seals



Gearcase Seals



Traction Motor & Gearcase



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Original Manufacturer



aggressive new product development

- More than 240 patents

extensive technical and commercial support

- GM-EMD "Outstanding Supplier"

outstanding product quality

- GE "Certified Supplier"

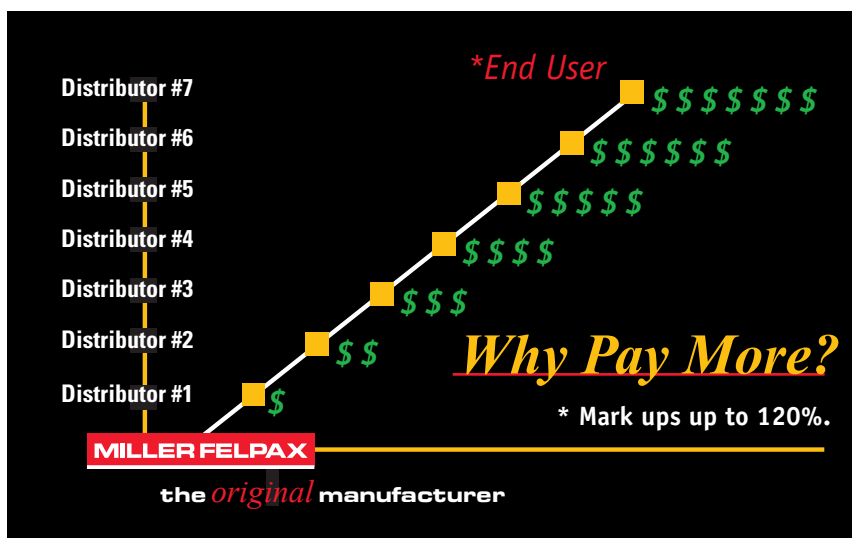
next day shipping

- AAR M-1003 Certified

zero defects

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from the Original Equipment Manufacturer



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Integrated Services



- **Highly skilled & talented workforce**



- **In house design, development and testing**



- **Design and build our own tooling and molds**



- **Manufacture all of our own parts**

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History

1940s



- Rudolph Miller invented the first wick lubricator.

1970s



- Pioneer in design and manufacture of high performance plastics

2001



- Miller Felpax purchased MTS (Modern Transportation Supplies) creating the world's most complete line of OEM locomotive and freight car components.

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Contract Manufacturing

- Injection Molding • Metal Fabrication
• Assembly & Sub-Assembly • End-to-End Manufacturing

Custom Molding & Manufacturing Division

The Miller-Felpax Custom Molding and Manufacturing Division is dedicated to commercial and consumer products OEM's. We provide a full range of manufacturing services – injection molding, metal fabrication, kitting, assembly and sub-assembly.

Customer satisfaction and customer success is our one and only mission. To achieve this, the Custom Molding and Manufacturing Division provides a full range of design, prototyping, tooling and production manufacturing services.



EQUIPMENT LIST

Molding Equipment

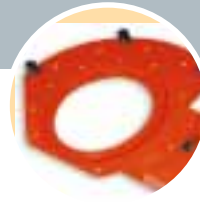
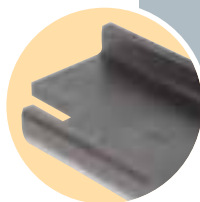
Model	Volume
Reed 700 ton	120 oz.
Cincinnati 550 ton	54 oz.
Reed 500 ton	60 oz.
Cincinnati 300 ton	21 oz.
Reed 100 ton (2)	9 oz.
Sandretto Series Nine 180 ton	5.2 & 8.8 oz.
Sandretto Series Nine 240 ton	17.5 & 27.7 oz.
Sandretto Series Nine 440 ton	23.5 & 38 oz.

Punch Press Capabilities

Model	Volume
Press Rite OBI	60 ton
Sutherland Gap Frame	88 ton
Minster Gap Frame	90 ton
Sutherland Gap Frame	121 ton
Niagara Gap Frame	150 ton



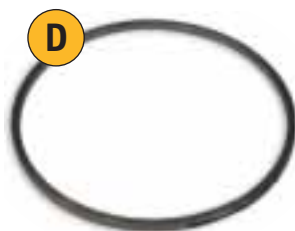
With over 50 years of experience in the railroad industry, Miller-Felpax has the professional staff and capabilities to help you attain ultimate success and profitability. Miller-Felpax has built its reputation as a leader by providing molding, stamping and assembly services exceeding stringent rail industry quality requirements.



Traction Motor Kits

■ TRACTION MOTOR KIT - D29 GM-EMD

	Reference Part Number	Miller Felpax Part Number	Description
A	8407505	27-1068	Clamp, MS Gearcase Seal and Dust Guard
B	8407506	1615-400	Dust Guard, Comm. End
C	9318435	1118-400	Lubricator Assembly, D29 & D31
D	9323317	1018-200	Seal Ring, Oil, 8" Axle
E	9333024	1093-104	Oil Filler Cap, 3/4", Yellow + D114
F	9560005	1296-300	Seal, WS, D29
G	9560006	1295-300	Seal, MS, D29
H		1416-100	L-Wick



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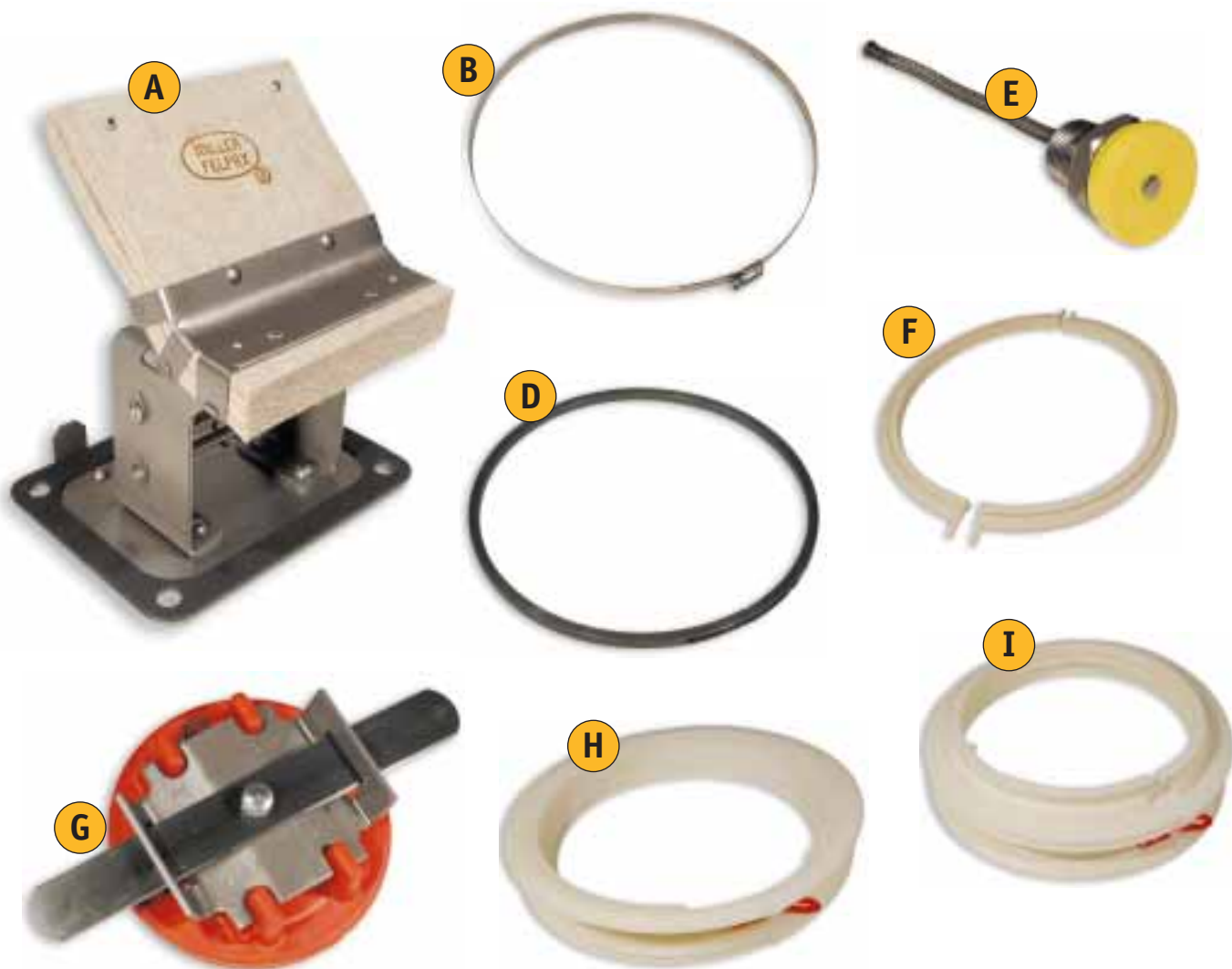
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D29

Traction Motor Kits

TRACTION MOTOR KIT - D27-37 GM-EMD

	Reference Part Number	Miller Felpax Part Number	Description
A	8277771	779B-400	Lubricator Assembly D47-D77
B	8407505	27-1068	Clamp, MS Gearcase Seal and Dust Guard
C	8407506	1615-400	Dust Guard, Comm. End
D	9323317	1018-200	Seal Ring, Oil, 8" Axle
E	9333024	1093-104	Oil Filler Cap, 3/4", Yellow + D114
F	40012790	1461-200	Pinion Seal GC D27, 87, (White)
G	40017436	1456-300	Filler Cap, GC
H	9535375	1459-401	Seal, WS, D87
I	9535376	1459-400	Seal, MS, D87



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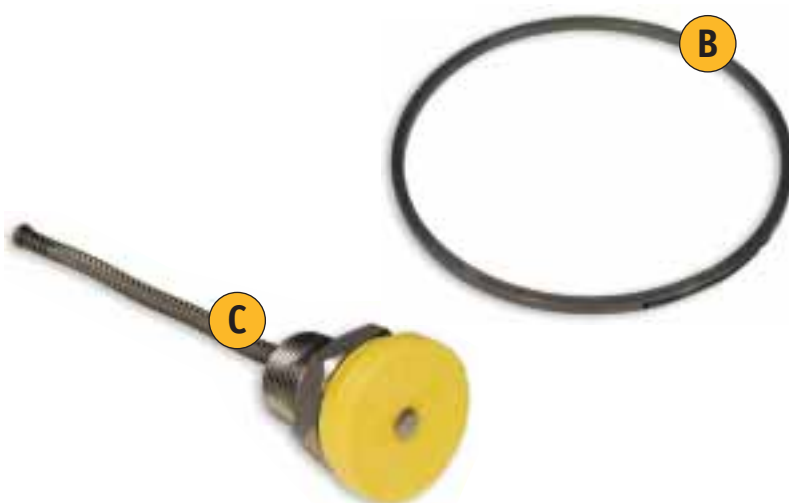
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D27-37

Traction Motor Kits

■ TRACTION MOTOR KIT - D29-CC GM-EMD

	Reference Part Number	Miller Felpax Part Number	Description
A	8370101	957-401	Lubricator D29CC, CC7 957-401
B	9323317	1018-200	Seal Ring, Oil, 8" Axle
C	9333024	1093-104	Oil Filler Cap, 3/4", Yellow + D114
D	9552602	1293-300	Seal, MS, D29CC
E	9552603	1294-300	Seal, WS, D29CC



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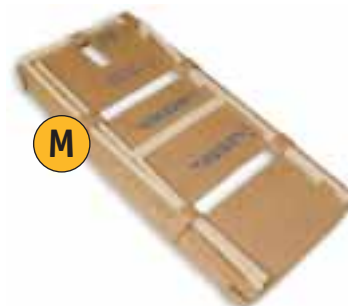
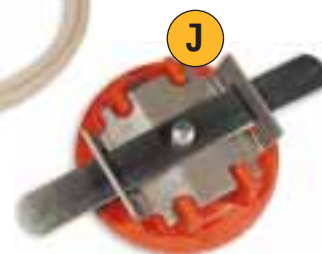
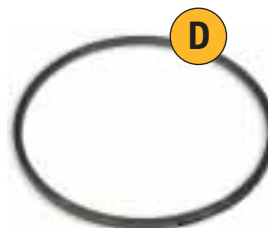
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D29-CC

Traction Motor Kits

■ TRACTION MOTOR KIT - D47-87 GM-EMD

	Reference Part Number	Miller Felpax Part Number	Description
A	8277771	779B-400	Lubricator Assembly D47-D77
B	8407505	27-1068	Clamp, MS Gearcase Seal and Dust Guard
C	8407506	1615-400	Dust Guard, Comm. End
D	9323317	1018-200	Seal Ring, Oil, 8" Axle
E	9333024	1093-104	Oil Filler Cap, 3/4", Yellow + D114
F	9535375	1459-401	Seal, WS, D87
G	9535376	1459-400	Seal, MS, D87
H	40007174	1401-402	Pinion Seal, Armature, (Red)
I	40012790	1461-200	Pinion Seal GC D27, 87, (White)
J	40017436	1456-300	Filler Cap, GC
K	40053076	1485-300	Cover, Bottom Brush Inspection, EMD
L	40053181	1505-300	Cable Cleat Assembly, 2 Brackets
M	40061419	1479-301	Seal Assembly, Split Line, Oil Gearcase



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D47-87

Traction Motor Kits

■ TRACTION MOTOR KIT - D87B-TR GM-EMD

	Reference Part Number	Miller Felpax Part Number	Description
A	40053182	1535-300	Cable Cleat, 1 Bracket, D87, 90TR
B	40061419	1479-301	Seal Assembly, Split Line, Oil Gearcase
C	9535375	1459-401	Seal, WS, D87
D	40006689	1455-400	Seal, MS, D87BTR



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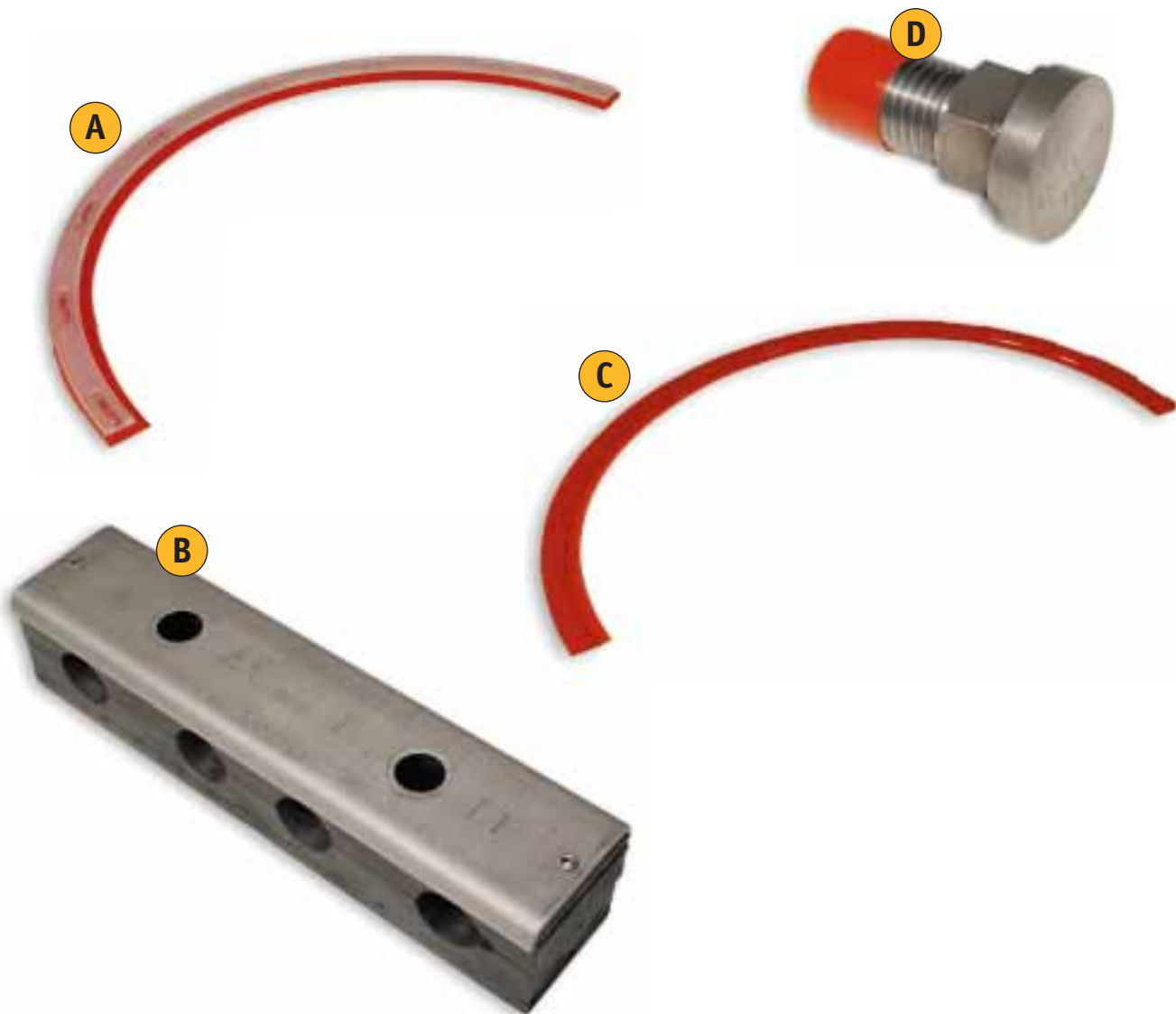
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D87B-TR

Traction Motor Kits

■ TRACTION MOTOR KIT - D90 GM-EMD

	Reference Part Number	Miller Felpax Part Number	Description
A	40012083	1464-200	Dust Seal, F69RB, AC Motor
B	40053182	1535-300	Cable Cleat, 1 Bracket, D87, 90TR
C	40054519	1550-300	Dust Seal, SD80
D	40058896	1549-100	Vent Cap Assembly, EMD AC Gearcase



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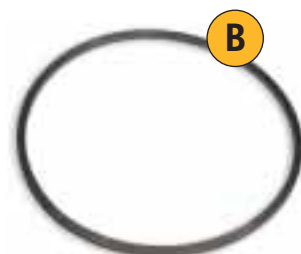
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D90

Traction Motor Kits

TRACTION MOTOR KIT - 761 GE

	Reference Part Number	Miller Felpax Part Number	Description
A	41A238534P1	1138-100	Oil Filler Cap, 3/4", White
B	41A330086P1	1443-100	Slinger Ring, CE, 761
C	41B537778P1	1443-200	Dust Guard 761 Comm. End
D	41B537921G1	1470-200	Flinger, SPT Bearing, 7-1/4", 761
E	41B538075P1	1482-300	Filler Cap, Gearcase, 761ANR
F	41C630516G1	922-400	Lubricator 761, 768
G	41C637208P1	1477-400	Seal, MS, 761RB
H	41C637209P1	1477-401	Seal, WS, 761RB
I	41A235215P3	27-1001	Clamp, Dust Guard



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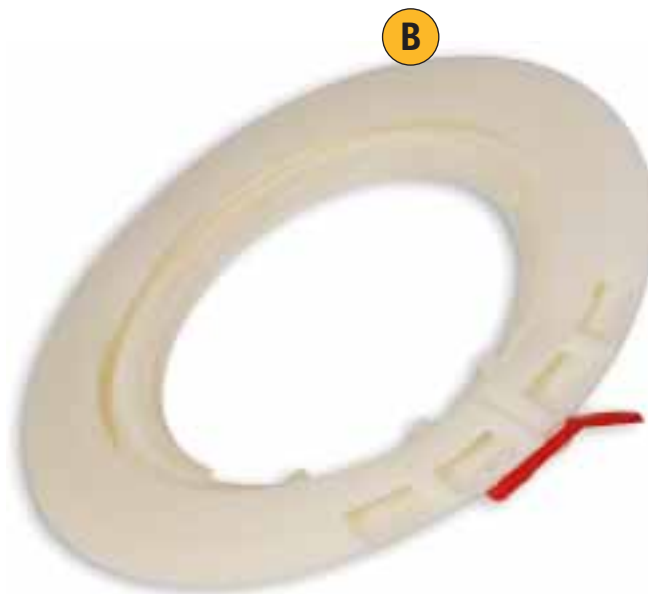
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761

Traction Motor Kits

■ TRACTION MOTOR KIT - 792 GE

	Reference Part Number	Miller Felpax Part Number	Description
A	84C614426P1	1554-400	Seal, MS, GE792-A1
B	84C618334P1	1554-402	Seal, WS, 792-A1MTR



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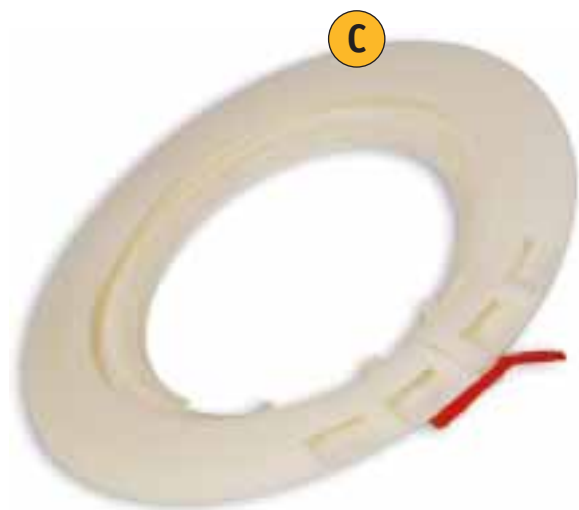
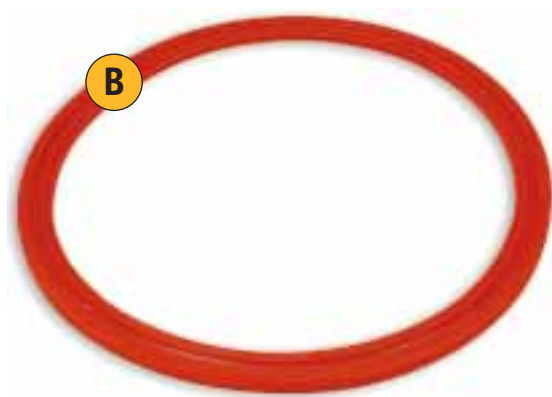
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792

Traction Motor Kits

■ TRACTION MOTOR KIT - 793 GE

	Reference Part Number	Miller Felpax Part Number	Description
A	41B538984P2	1564-400	Comm. End Dust Guard MTR793
B	41B539013P2	1562-300	Pinion Bore Seal (RED)
C	84C618334P1	1554-402	Seal, WS, 792-A1MTR



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793

Traction Motor Kits

■ TRACTION MOTOR KIT - 752E4-8 GE

	Reference Part Number	Miller Felpax Part Number	Description
A	41A238534P1	1138-100	Oil Filler Cap, 3/4", White
B	41B535245G1	1011-205	Seal Ring, Oil, 9" Axle
C	41B537189P1	1262-200	Dust Seal MTR E8
D	41B537190P1	1156-303	Seal, WS, E8
E	41B537191P1	1156-302	Seal, MTR, E8
F	41B537266P1	1289-200	Dust Guard, Comm. End
G	41B537307P1	1288-100	Flinger Ring, CE, 752AF
H	41B537466P1	1362-200	Seal, WS, 752AF
I	41C632068G1	952B-400	Lubricator Assembly 752



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752E4-8

Traction Motor Kits

■ TRACTION MOTOR KIT - 752AF/AG GE

	Reference Part Number	Miller Felpax Part Number	Description
A	41A238534P1	1138-100	Oil Filler Cap, 3/4", White
B	41B535245G1	1011-205	Seal Ring, Oil, 9" Axle
C	41B537266P1	1289-200	Dust Guard, Comm. End
D	41B537307P1	1288-100	Flinger Ring, CE, 752AF
E	41B538243P1	1483-300	Filler Cap, GC, 752AF
F	41C635696G1	1145-400	Lubricator Assembly 752AF
G	84C618357P1	1579-401	Seal, Gearcase GE 752 AH WS
H	41C637106P1	1451-401	Seal - MTR 752AF
I	41A235215P3	27-1001	Clamp, Dust Guard



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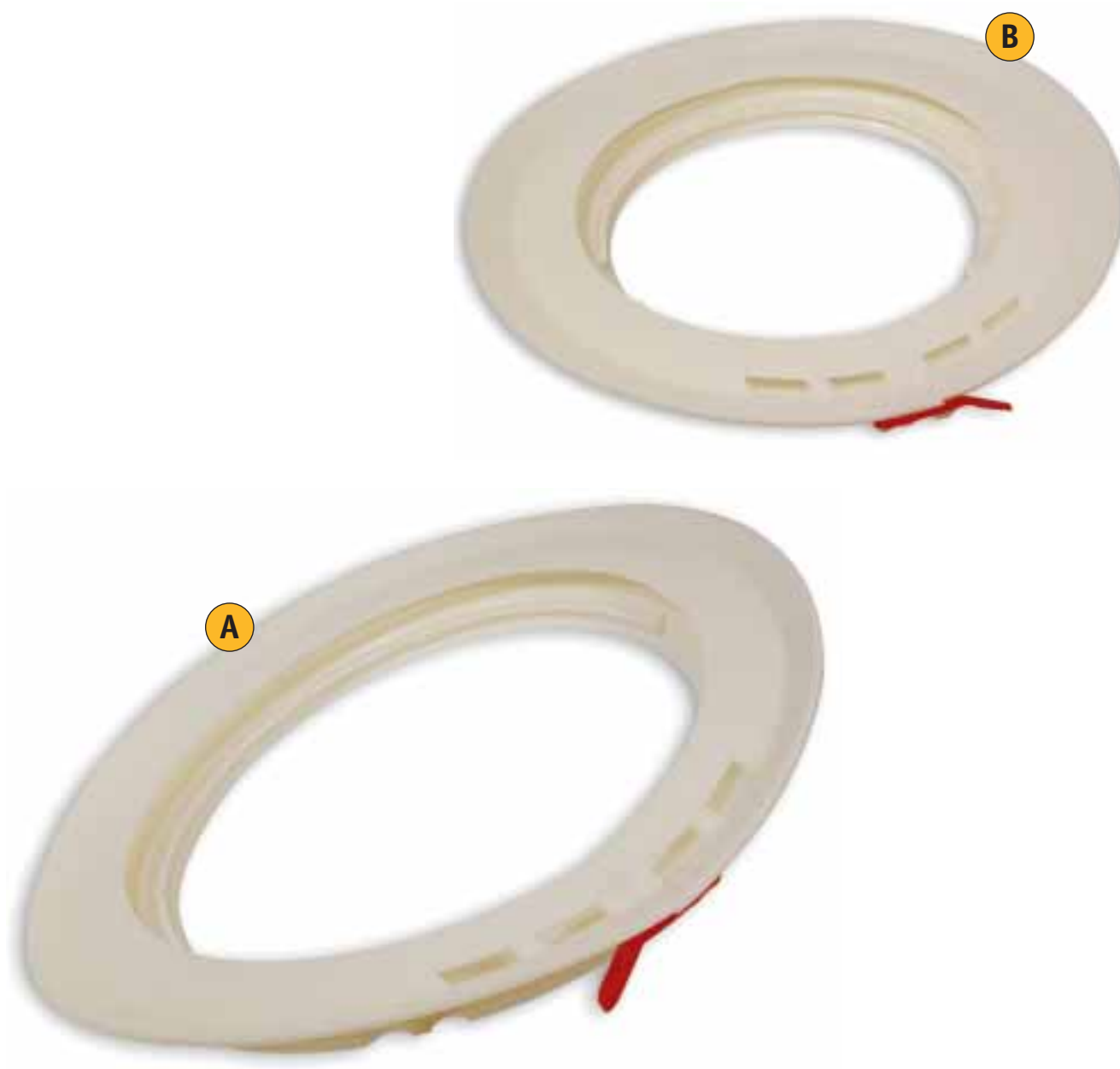
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752AF/AG

Traction Motor Kits

■ TRACTION MOTOR KIT - 752AH GE

	Reference Part Number	Miller Felpax Part Number	Description
A	84C618356P1	1579-400	Seal, GE 752 AH M/S with Skirt
B	84C618357P1	1579-401	Seal, Gearcase GE 752 AH WS



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752AH

Traction Motor Kits

■ TRACTION MOTOR KIT - GEB13 GE

	Reference Part Number	Miller Felpax Part Number	Description
A	41C637642P1	1528-401	Seal, WS, GEB-13-A(AC)
B	41C637642P2	1528-400	Seal, MS, GEB-13-A(AC)



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GEB13

Locomotive Truck Kits

TRUCK KIT - GE TWO AXLE "B" TRUCK

	Reference Part Number	Miller Felpax Part Number	Description
A	41C629424P1	CBL-200	Center Bowl Liner
B	41B515390P3	W-290	Pedestal Liner, GE 1 Piece with Washers
C	41A314803P2	R-330	GE Style Coil Spring Pad



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GE Two Axle "B" Truck

Locomotive Truck Kits

TRUCK KIT - FOUR WHEEL SWINGHANGER GP TRUCK ASSEMBLY WITH CLASP BRAKES

Reference	Miller Felpax	
Part Number	Part Number	Description
A	9548794	CBL-120 Center Bowl Liner 3/8" Bottom
B	9562813	CBL-125 Center Bowl Liner, One-Piece (1/2")
C	40012413	W-260 Pedestal Liner with Washers
	9324108	W-260 Pedestal Liner with Washers
D	40020765	R-315 Spring Pad SD9
E	9324109	1099-100 Oil Filler Cap 1"
F	8206915	W-116 Brake Rigging Wear Plate
G	8206916	W-117 Brake Rigging Wear Plate
H	8336782	W-122 Coupler Carrier Wear Plate - 3/4" Thick



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**EMD GP15-1, GP15-2, GP15T, GP38-2, GP39-2,
GP40-2, and GP49 Locomotives**

Locomotive Truck Kits

TRUCK KIT - FOUR WHEEL SWINGHANGER GP TRUCKS WITH SINGLE SHOE BRAKE RIGGING

Reference	Miller Felpax	
Part Number	Part Number	Description
A	9548794	CBL-120 Center Bowl Liner 3/8" Bottom
B	9562813	CBL-125 Center Bowl Liner, One-Piece (1/2")
C	9544902	W-721 Bolster Chafing Plate
D	40012413	W-260 Pedestal Liner with Washers
	9324108	W-260 Pedestal Liner with Washers
E	40020765	R-315 Spring Pad SD9
F	9324109	1099-100 Oil Filler Cap 1"
G	8386454	W-118 Brake Rigging Wear Plate
H	8088354	W-119 Brake Rigging Wear Plate



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EMD GP38-2, GP39-2, GP40-2, and GP50 Locomotives

Locomotive Truck Kits

■ TRUCK KIT - THREE AXLE SD FLEXICOIL TRUCK ASSEMBLY WITH CLASP BRAKES

Reference	Miller Felpax	
Part Number	Part Number	Description
A	CBL-140	Center Bowl Liner 3/8" Bottom
B	CBL-160	Center Bowl Liner 1/2" Bottom
C	40025071	W-715G2 Bolster Wear Plate
D	40012413	W-260 Pedestal Liner with Washers
	9324108	W-260 Pedestal Liner with Washers
E	40020765	R-315 Spring Pad SD9
F	9324109	1099-100 Oil Filler Cap 1"
G	8206915	W-116 Brake Rigging Wear Plate
H	8206916	W-117 Brake Rigging Wear Plate



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EMD SD18, SD28, SD35, SD,38, SD40, SD40-2, SD40-2SS, SD40T-2, SD45, SD45-2, SD45T-2, SD50S, SDP35 and SDP40F Locomotives

Locomotive Truck Kits

TRUCK KIT - THREE AXLE SD FLEXICOIL TRUCK ASSEMBLY WITH SINGLE SHOES

Reference Part Number	Miller Felpax Part Number	Description
A	CBL-140	Center Bowl Liner 3/8" Bottom
B	CBL-160	Center Bowl Liner 1/2" Bottom
C	40012413	Pedestal Liner with Washers
	9324108	Pedestal Liner with Washers
D	40020765	Spring Pad SD9
E	9324109	Oil Filler Cap 1"
F	8386454	Brake Rigging Wear Plate
G	8206916	Brake Rigging Wear Plate



EMD SD28, SD35, SD38, SD38AC, SD38-2, SD39 SD40, SD40-2, SD40-2SS, SD40T-2, SD40X, SD45, SD45-2, SD45T-2, SD45X, SD50, SD50S, SDP35, SDP40, SDP40F, SDP45, F40C, F45 and FP45 Locomotives

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Locomotive Truck Kits

TRUCK KIT - GE THREE AXLE "C" TRUCK

	Reference Part Number	Miller Felpax Part Number	Description
A	41C629423P1	CBL-180	Center Bowl Liner
B	41B515390P3	W-290	Pedestal Liner, GE 1 Piece with Washers
C	41A314803P2	R-330	GE Style Coil Spring Pad



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GE Three Axle "C" Truck

Locomotive Truck Kits

TRUCK KIT - SIX-WHEEL HTC SINGLE SHOE TRUCK ASSEMBLY

Reference	Miller Felpax	
Part Number	Part Number	Description
A	CBL-160	Center Bowl Liner 1/2" Bottom
B	8449465	W-715G2 Bolster Wear Plate
C	40012413	W-260 Pedestal Liner with Washers
	9324108	W-260 Pedestal Liner with Washers
D	40020765	R-315 Spring Pad SD9
E	9324109	1099-100 Oil Filler Cap 1"
F	8386454	W-118 Brake Rigging Wear Plate



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EMD SD40-2, SD40T-2, and SD50 Locomotives

Locomotive Truck Kits

TRUCK KIT - SIX-WHEEL RADIAL HTCR SINGLE SHOE TRUCK ASSEMBLY

Reference	Miller Felpax	
Part Number	Part Number	Description
A 40022082	1487-400	Wear Ring, Half Cylinder
B 40022083	1487-200	Wear Ring, Bottom
C 40006009	1457-200	Wear Plate, Lateral Thrust
D 40101372	1471-202	Spring Pad, SD70 MAC
E 8386454	W-118	Brake Rigging Wear Plate



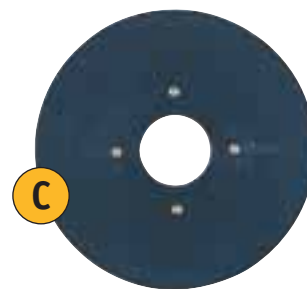
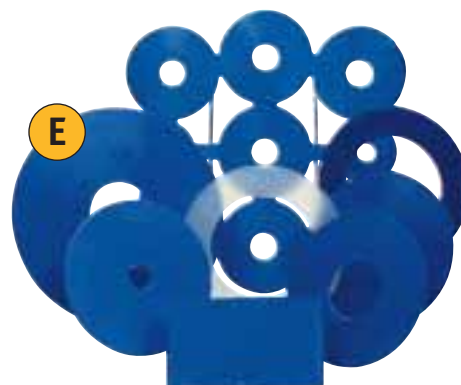
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EMD SD70 Locomotives

Freight Car Components

FREIGHT CAR COMPONENTS

Reference Part Number	Miller Felpax Part Number	Description
A	FCWP-100	Wear Plate, Coupler Carrier, Type E
B	FBBG-200	Brake Beam Guide Wear Plate
C	ZT370/ WE1014	14" Center Plate Liner with Conductive Inserts
D	FCDB-16A	Durabowl, 16" Dia, 2" Depth
	FCDB-16B	Durabowl, 16" Dia, 2-1/4" Depth
E		Resilient Spring Pads
F	AAR RULE 47 L-270	Lube Disk, 200 Pieces Per 50 lb Box



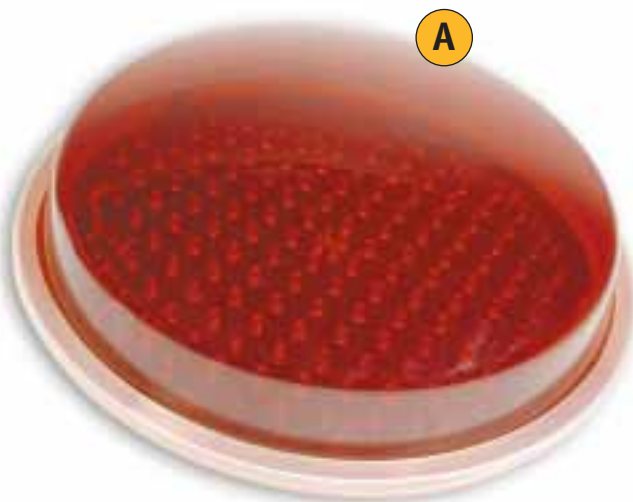
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Signal Products

■ SIGNAL PRODUCTS

Reference Part Number	Miller Felpax Part Number	Description
A	1607-400	12" Flasher
B	1608-300	Gate Arm Light



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Brake & Control Products

■ BRAKE & CONTROL PRODUCTS

	Reference Part Number	Miller Felpax Part Number	Description
A	8065181	H-114	Locomotive Reverser Handle, Square
B	8204980	H-116	Reverser Handle (Round Handle) Black
C	8204980	H-119A	Reverser Handle (Round) with Cable & Tab
D	557928/739034	H-701	Independent Brake Handle
E	572888/739865	H-702P	One-Piece Independent Offset Brake Handle
F	558494/558495	H-705B	Automatic Brake Handle (Black)
	739069/741243	H-705B	Automatic Brake Handle (Black)
G	502574	B-10000	Vent Protector, Control Valve, Non-Metallic
H	566738	B-15000	Vent Protector, Locomotive Vent Valve
I	570622	B-15500	Vent Protector, Car Vent Valve with Side Plug



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Engine Products

ENGINE PARTS

	Reference Part Number	Miller Felpax Part Number	Description
A	8414444	1643-300	Water Discharge Elbow for EMD 567, 645 and 710 Engines
B		1649-400	Upper Deck Oil Deflector for EMD 567, 645 and 710



B



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Parts List

BRAKE AND CONTROL PRODUCTS

Ref.	Reference Part Number	Miller Felpax Part Number	Description
W	558494	H-705S	Automatic Brake Handle, Slotted
W	566738	B-15000	Vent Protector, Locomotive Vent Valve
W	570622	B-15500	Vent Protector, Car Vent Valve, with Side Plug
W	572888	H-702	Independent Brake Handle, Offset
W	572888	H-702P	One-Piece Independent Offset Brake Handle
N	734446	B-10000	Vent Protector, Control Valve,
N	739034	H-701	Independent Brake Handle
N	739865	H-702P	One-Piece Independent Offset Brake Handle
N	748680	B-15000	Vent Protector, Locomotive Vent Valve
N	748708	B-15500	Vent Protector, Car Vent Valve, with Side Plug
E	8065181	H-114	Locomotive Reverser Handle, Square
E	8204980	H-0119A	Reverser Handle with Cable & 0.312 Tab
E	8204980	H-116	Reverser Handle (Round Handle) Black
E	8204980	H-116R	Red Reverser Handle (Round)
E	8204980	H-119	Reverser Handle (Round) with Cable
E	8204980	H-119A	Reverser Handle (Round) with Cable & Tab
W	502574	B-10000	Vent Protector, Control Valve
W	557928	H-701	Independent Brake Handle
W	558494	H-705B	Automatic Brake Handle (Black)
W	558494	H-705R	Automatic Brake Handle (Red)
W	739069	H-705B	Automatic Brake Handle (Black)
W	741243	H-705B	Automatic Brake Handle (Black)
G	84B512767P1	H-116	Reverser Handle (Round Handle, Black)
		00BX-200	Blanking Pad

FREIGHT CAR PARTS

Ref.	Reference Part Number	Miller Felpax Part Number	Description
	14780	FBBG-200	Brake Beam Guide Wear Plate
	15067	FBBG-200	Brake Beam Guide Wear Plate
H	WE5505XL	FBBG-200	Brake Beam Guide Wear Plate
Z	ZT1695B	FBBG-200	Brake Beam Guide Wear Plate
Z	ZT1696NH	FBBG-200	Brake Beam Guide Wear Plate
		FCDB-16A	Durabowl, 16" Dia, 2" Depth
		FCDB-16B	Durabowl, 16" Dia, 2-1/4" Depth
Z	ZT215	FCWP-100	Wear Plate, Coupler Carrier, Type E
Z	ZT370	FCPL-141	14" Center Plate Liner with Conductive Inserts
A	AAR RULE 47	L-270	Lube Disk, 200 Pieces Per 50 lb Box
H	WE1014	FCPL-141	14" Center Plate Liner with Conductive Inserts
H	WE1016	FCPL-161	16" Center Plate Liner with Conductive Inserts
H	WE1016XLS	FCPL-16I	16" Center Plate Liner with Conductive Inserts
H	WE4002	FCWP-100	Wear Plate, Coupler Carrier, Type E
H	WE5505	FBBG-200	Brake Beam Guide Wear Plate

Reference

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Parts List

LOCOMOTIVE WEAR PARTS

Ref.	Reference Part Number	Miller Felpax Part Number	Description
E	8088354	W-119	Brake Rigging Wear Plate
E	8102038	R-313	Journal Equalizer Shim Pad
		R-315	Spring Pad SD9
E	40020765	R-320T	Spring Pad EMD Journal Box
		R-325	Bolster Spring Pad SD9-SD40
E	8176177	CBL-125	One-Piece Bowl Liner - 1/2" Ring
E	8177287	CBL-140	Two-Piece Center Bowl Liner
E	8206915	W-116	Brake Rigging Wear Plate
E	8206916	W-117	Brake Rigging Wear Plate
E	8206916	1499-102	Wear Plate, 1/4" Thick
E	8255952	W-121	Coupler Carrier Wear Plate - 3/8" Thick
E	8255952	W-122	Coupler Carrier Wear Plate - 3/4" Thick
E	8179559	CBL-140	Two-Piece Center Bowl Liner
E	8321934	W-120	Center Plate Liner
E	8336782	W-121	Coupler Carrier Wear Plate - 3/8" Thick
E	8336782	W-122	Coupler Carrier Wear Plate - 3/4" Thick
E	8386454	W-118	Brake Rigging Wear Plate
E	8402969	CBL-125	One-Piece Center Bowl Liner (1/2")
E	8431432	CBL-160	Center Bowl Liner 1/2" Bottom
E	8431433	CBL-160	Center Bowl Liner 1/2" Bottom
E	8449465	W-715G2	Bolster Wear Plate
E	8492124	CBL-160	Center Bowl Liner 1/2" Bottom
E	9085368	W-120	Center Plate Liner, Horizontal
E	9085369	CBL-140	Two-Piece Center Bowl Liner (Horiz. Liner)
E	9088855	CBL-140	Two-Piece Center Bowl Liner
E	9088856	CBL-140	Two-Piece Center Bowl Liner (Horiz. Liner)
E	9088857	CBL-160	Center Bowl Liner 1/2" Bottom
E	9324108		Pedestal Liner, 40012413, SEE BELOW
E	9324108	W-260	Pedestal Liner with Washers
E	9324108	W-262	Pedestal Liner, Soft Insert
E	9324108	W-284	Pedestal Liner, EMD Style Soft Insert, w/ 7/8" Hardware
E	9324108	W-284H	Pedestal Liner, EMD Style Soft Insert, w/ 7/8" Half Nuts
E	9324108	W-285	Pedestal Liner, EMD Style Soft Insert, w/ 3/4" Hardware
E	9329629	CBL-160	Center Bowl Liner 1/2" Bottom
E	9329632	CBL-140	Half-Ring Center Bowl Liner
E	9329633	CBL-125	EMD One-Piece Center Bowl Liner (1/2")
E	9330491	CBL-160	Center Bowl Liner 1/2" Bottom
E	9330492	CBL-140	Half-Ring Center Bowl Liner
E	9330493	CBL-125	EMD One-Piece Center Bowl Liner (1/2")
E	9544902	W-721	Bolster Chafing Plate
E	9548794	CBL-120	Center Bowl Liner 3/8" Bottom
E	9562813	CBL-125	Center Bowl Liner, One-Piece (1/2")
E	40019893	1468-200	Shim, Journal Bearing

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Parts List

LOCOMOTIVE WEAR PARTS (continued)

Ref.	Reference Part Number	Miller Felpax Part Number	Description
E	40020765	1471-200	Spring Pad
E	40022082	1487-400	Wear Ring, Half Cylinder
E	40022083	1487-200	Wear Ring, Bottom
E	40025070	1449-403	Pedestal Liner without Hardware
E	40025071	1458-400	Wear Plate, Bolster, 6 Hole
E	40025071	W-715G2	Bolster Wear Plate
E	40006009	1457-200	Wear Plate, Lateral Thrust
E	40010049	SUPERSEDED BY 40012413 - See Below	
E	40010820	1449-100	Pedestal Liner Kit, with Standard Hardware
E	40010820	W-280	Pedestal Liner Kit with MTS Fasteners
E	40010820	W-282	Pedestal Liner Kit, Soft Strip with MTS Fasteners
E	40010820	W-286	Pedestal Liner Kit with 7/8" Hardware
E	40012412	1475-400	Pedestal Liner, Export
E	40012413	1449-401	Pedestal Liner
E	40012754	CBL-125	Center Bowl Liner, One-Piece (1/2")
E	40032042	1475-100	Pedestal Liner Export
E	40043277	1471-201	Spring Pad, Export
E	40044105	1458-300	Wear Plate, Bolster, HTC60
E	40074162	1588-300	Ring-Wear EWSRR
E	40074825	1582-400	Bushing Strg. BM Pivot
E	40075098	1589-300	Brg. Adapter Spacer SD90 MAC
E	40075177	1588-400	Half Cylinder - Wear EWSRR
E	40076615	1590-300	Bearing Adapter Spacer SD90 MAC
E	40077387	1592-200	Bearing Adapter Roller SD90 MAC
E	40078020	1591-400	Wear Plate
E	40085733	1463-400	Pedestal Liner (Special Order EMD)
E	40087273	1604-200	Spring Pad, GT46 MAC
E	40101372	1471-202	Spring Pad, SD70 MAC
E	9416524	APLF-8750N	Nut, Pedestal Liner, Full, 7/8-9 with Nylon Insert
E	9442064	APLF-8755B	Bolt, Pedestal Liner, 7/8-9 x 9-1/2 Grade 5
G	41A216594P1	1527-300	Center Plate
G	41A218611P1	1518-100	Guide, Rectangular
G	41A242511P1	1517-100	Bushing, GE Radiator Shutter
G	41A244372ABP1	1526-200	Bearing Pad
G	41A244372ADP1	1516-201	Bearing Pad (U26C)
G	41A302548P2	1515-101	Busing, GE Radiator Shutter
G	41A302549P1	1514-100	Half Bushing, GE Radiator Shutter
G	41A314803P2	R-330	GE Style Coil Spring Pad
G	41B511454P1	CBL-180	Center Bowl Liner
G	41B511454P2	CBL-180	Center Bowl Liner
G	41B515384P1	CBL-200	Center Bowl Liner
G	41B515384P2	CBL-200	Center Bowl Liner
G	41B515390P1	W-290M	Pedestal Liner, GE One-Piece w/Holes in Base

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Parts List

LOCOMOTIVE WEAR PARTS (continued)

Ref.	Reference Part Number	Miller Felpax Part Number	Description
G	41B515390P3	W-290	Pedestal Liner, GE 1 Piece with Washers
G	41B515390P3	W-292	Pedestal Liner, GE Style Soft Insert
G	41B515390P3	W-310	Pedestal Liner, GE 1 Piece w/MTS Fasteners
G	41B515390P3	W-312	GE Style Soft Insert Pedestal w/MTS Fasteners
G	41B515390P3	W-314	GE Style Soft Insert Pedestal
G	41B515390P3	W-316	GE Style Pedestal Liner (with 3/4" Hardware)
G	41B515390P5	W-352	Pedestal Liner, GE, solid, No Washers
G	41C629423G1	1519-100	Center Bowl Liner, C-Truck, 2-Piece
G	41C629423G1	CBL-180	Center Bowl Liner
G	41C629423P1	1519-300	Liner, Center Bowl, C-Truck, Half
G	41C629424G1	CBL-200	Center Bowl Liner, B-Truck, 2-Piece
G	41C629424P1	1520-300	Center Pin Liner, B-Truck, Half
G	41C629424P1	1520-100	Center Pin Liner, B-Truck, 2pc Kit
G	497A739P2	1513-300	Center Bowl WR Ring (2pc Half)
G	497A743P1	1523-200	Wear Ring, 3/8" Thk
G	497A743P5	1523-205	Wear Ring, 11 7/8"
G	497A764P2	1525-201	Wearing Ring, Center Plate
G	84A200508P1	1533-100	Wear Plate, Truck, Amtrak
G	84A207344P1	W-110	GE Hi-Ad Truck Brake Wear Plate
G	84B101180P1	W-128	GE Coupler Carrier Wear Plate
G	84B105520P1	CPB-100	GE Dash-9 Center Pin Bushing
G	84B105529P1	R-335	GE Dash-9 Spring Pad
G	84C613074P2	W-410	Pedestal Liner, Dash 9 Truck, MTS Style
G	84C613074P2	W-410P	Pedestal Liner, Dash 9 Truck, GE Style
G	84D702422P1	1530-301	Wear Pad, Amtrak
G	84D702422P2	1530-302	Wear Pad, Amtrak
G	84D702422P3	1530-303	Wear Pad, Amtrak
G	84D702422P4	1530-304	Wear Pad, Amtrak
P	AF7-10067	1520-300	One-Half Center Bowl Liner
P	AM2-00177	1520-300	One-Half Center Bowl Liner
P	AM2-00835	CBL-140	Half-Ring Center Bowl Liner
P	AM2-00916	1519-300	One-Half Center Bowl Liner
P	AM2-00924	CBL-160	Center Bowl Liner 1/2" Bottom
		PLG-01000	Pedestal Liner Clearance Gage

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Reference

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Parts List

TRACTION MOTOR GEARCASE & COMMUTATOR END SEALS

Ref.	Reference Part Number	Miller Felpax Part Number	Description
E	9534943	1241-400	Seal, Comm. End Mauritania
E	9535360	1243-500	Seal, WS Mauritania
E	9535375	1459-401	Seal, WS, D87
E	9535376	1459-400	Seal, MS, D87
E	8407505	27-1068	Clamp, MS Gearcase Seal and Dust Guard
E	8407506	1615-400	Dust Guard, Comm. End
E	9552602	1293-300	Seal, MS, D29CC
E	9552603	1294-300	Seal, WS, D29CC
E	9560005	1296-300	Seal, WS, D29
E	9560006	1295-300	Seal, MS, D29
E	40006689	1455-400	Seal, MS, D87BTR
E	40007174	1401-402	Pinion Seal, Armature, (Red)
E	40012083	1464-200	Dust Seal, F69RB, AC Motor
E	40012790	1461-200	Pinion Seal GC D27, 87, (White)
E	40045549	1531-300	Seal, CE Labyrinth, SDL40-2
E	40051181	1541-100	Kit, Gearcase Seal, (Oil)
E	40051468	1540-400	Seal, MS, D43 TR
E	40051469	1540-401	Seal, WS, D43 TR
E	40052105	1540-101	Seal, Dust, U-Tube, D43 TR
E	40054519	1550-300	Dust Seal, SD80
E	40059557	1572-400	Seal, MS D43 AS
E	40059558	1572-401	Seal, WS D43 AS
E	40061419	1479-301	Seal Assembly, Split Line, Oil Gearcase
E	40079236	1580-400	Seal, MS SD80/90
E	40079237	1580-401	Seal, WS SD80/90
E	40081576	1580-300	Pinion Seal
E	40082946	1598-400	Seal, MS Queensland
E	40082947	1598-401	Seal, WS Queensland
G	160X1003	1474-100	Kit, Dust Guard, Comm. End, GE 752
		1634-100	Kit, EMD Combo Assembly, D77/87
G	160X1026	1635-100	Kit, Seal, GE752E8 Combo (G. C. AND C. E.)
		1637-100	Kit, EMD Combo Assembly, D77/87
G	160X1066-1	1617-100	Kit, Gearcase Seal, 752AH, with Fasteners
G	160X1067	1616-100	Kit, Gearcase Seal, 752AF/AG (Oil) with Fasteners
G	41A235215P3	27-1001	Clamp, Dust Guard
G	41A330086P1	1443-100	Slinger Ring, CE, 761
G	41B535882P2	1155-200	Dust Seal, MTR, 752AF
G	41B535883P2	1162-400	Seal MTR 752AF-3
G	41B537189P1	1262-200	Dust Seal MTR E8
G	41B535882P1	1263-200	Dust Seal 752 AF Gearcase
G	41B537190P1	1156-303	Seal, WS, E8
G	41B537191P1	1156-302	Seal, MTR, E8

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Parts List

■ TRACTION MOTOR GEARCASE & COMMUTATOR END SEALS (continued)

Ref.	Reference Part Number	Miller Felpax Part Number	Description
G	41B531792G1	1553-300	Dust Seal, Felt Insert GE 752
G	41B537266P1	1289-200	Dust Guard, Comm. End
G	41B537307P1	1288-100	Flinger Ring, CE, 752AF
G	41B537466P1	1362-200	Seal, WS, 752AF
G	41B537778P1	1443-200	Dust Guard 761 Comm. End
G	41B537995P1	1427-103	Armature Seal Lip Insert
G	41B537995P2	1551-100	Seal, Arm Insert, GE752, Tabs
G	41B538435P1	1538-100	Seal, Arm Insert, 761-ANR2, 792A1
G	41B538435P3	1575-100	ARM Seal Insert, 792 & 761 with Tabs
G	41B538973P1	1574-100	PINION Seal 752-AJ
G	41B538984P2	1564-400	Comm. End Dust Guard MTR793
G	41B539013P2	1562-300	Pinion Bore Seal (RED)
G	41B539018P1	1565-100	Seal, Arm Insert, GE793A1, Tab
G	41C636751P1	1422-300	Seal, Top, WHL/MTR, 752AG
G	41C636752P1	1422-301	Seal, Bottom, WHL/MTR
G	41C637106P1	1451-401	Seal - MTR 752AF
G	41C637187P1	1473-401	Seal, MS 761 Sleeve Brg.
G	41C637208P1	1477-400	Seal, MS, 761RB
G	41C637209P1	1477-401	Seal, WS, 761RB
G	41C637642P1	1528-401	Seal, WS, GEB-13-A(AC)
G	41C637642P2	1528-400	Seal, MS, GEB-13-A(AC)
G	84C602220P1	1642-400	Seal, MS GEB-24A1
G	84C614426P1	1554-400	Seal, MS, GE792-A1
G	84C614427P1	1554-401	Seal, WS, GE792-A1
G	84C618334P1	1554-402	Seal, WS, 792-A1MTR
G	84C618338P1	1600-400	Seal, MS GE GHP
G	84C618339P1	1600-401	Seal, WS GE GHP
G	84C618356P1	1579-400	Seal, GE 752 AH M/S with Skirt
G	84C618357P1	1579-401	Seal, Gearcase GE 752 AH WS

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Parts List

WICK LUBRICATORS FOR TRACTION MOTOR SUPPORT BEARINGS

Ref.	Reference Part Number	Miller Felpax Part Number	Description
E	8209941	580-200	UNIT Wick Assembly D-27 & 37 R-2094
E	8337941	779B-109	Spring Set for 779B-400 Lubricator
E	8277771	779B-400	Lubricator Assembly D47-D77
E	8282403	779B-300	Carrier Assembly D47-87
E	8315619	779B-301	Wick Assembly D47-87
E	8315778	779B-103	Wick Assembly D-47 W/Hardware
E	8274612	877-200	Lubricator EMD Journal Box
E	8370101	957-401	Lubricator D29CC, CC7 957-401
E	8372214	957-200	Wick Assembly, D29CC & CC7, 957-200
E	9318435	1118-400	Lubricator Assembly, D29 & D31
E	9571073	779B-134	Gasket, Axle Cap D47-87
E	40014335	1439-300	Wick, Sugarloaf, D27-87
E	40014545	1439-402	Lubricator D47 & B87
G	41A230502P1	717-202	Gasket, Axle Cap 752 E4-E8
G	41A239110P1	1145-101	Gasket, Ale Cap 752 AF
G	41B530656G1	922-300	Carrier Assembly GE 761-768
G	41C630516G2	922-101	Kit, Carrier GE 761 & 768
G	41C630516G1	922-400	Lubricator 761, 768
G	41C632068G1	952B-400	Lubricator Assembly 752
G	41C632068G2	952B-101	Carrier Assembly 752
G	41C635696G1	1145-400	Lubricator Assembly 752AF
G	41C635696G3	1145-105	Kit, Wick 752 AF
G	41C635696G4	1145-104	Kit, Carrier 752 AF
G	41C636068G1	1145-301	Wick Assembly 752AG
G	41C636096G3	1145-300	Carrier Assembly 752 AF
G	481A202G2	647-400	Wick Assembly 761 with Hardware
G	493A445G1	718-400	Wick Assembly GE764
G	494A549G1	717-201	Wick Assembly 752E4
G	8864352G4	646-200	Wick Assembly 731-752

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Parts List

■ MOTOR SUPPORT BEARING ACCESSORIES

Ref.	Reference Part Number	Miller Felpax Part Number	Description
E	9323317	1018-200	Seal Ring, Oil, 8" Axle
		1018-100	Kit, 2pc Seal Ring 8" Axle
E	9329248	1136-200	Seal Ring, Oil, 8-5/32" Axle
		1136-100	Kit, 2pc Seal Ring 8-5/32" Axle
E	9329249	1134-200	Seal Ring, Oil, 7-29/32" Axle
		1134-100	Kit, 2pc Seal Ring 7-29/32" Axle
E	9329250	1135-201	Seal Ring, Oil, 8-1/4" Axle
		1135-100	Kit, 2pc Seal Ring 8-1/4" Axle
E	9524505	1137-100	Shim, Bearing Flange, .062
E	9534143	1131-100	L-Wick
E	9557831	1353-100	L-Wick (Green)
E	40014450	1137-101	Shim, Bearing Flange, .031
G	41A238550P1	1129-100	L-Wick (No Color)
G	41A238550P3	1129-101	L-Wick
G	41A239250P2	1412-100	L-Wick, (Red)
		1416-100	L-Wick
G	41B535245G1	1011-205	Seal Ring, Oil, 9" Axle
		1011-100	Kit, 2pc Seal Ring 9" Axle
G	41B535245G2	1144-200	Seal Ring, Oil, 8-7/8" Axle
		1144-100	Kit, 2pc Seal Ring 8-7/8" Axle
G	41B537921G1	1470-200	Flinger, SPT Bearing, 7-1/4", 761

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Parts List

FILLER CAPS & GEARCASE ACCESSORIES

Ref.	Reference Part Number	Miller Felpax Part Number	Description
E	40017436	1456-300	Filler Cap, GC
E	9324109	1099-100	Oil Filler Cap 1"
E	9333024	1093-104	Oil Filler Cap, 3/4", Yellow + D114
E	40055410	1552-100	Deflector, Filter Breather, SD90MAC
E	40058896	1549-100	Vent Cap Assembly, EMD AC Gearcase
E	40059296	1507-100	Breather Filter, EMD AC GC
G	41A215960P1	1160-100	Oil Filler Cap, 1", White
G	41A238534P1	1138-100	Oil Filler Cap, 3/4", White
G	41B538075P1	1482-300	Filler Cap, Gearcase, 761ANR
G	41B538243P1	1483-300	Filler Cap, GC, 752AF
G	497A806P60	27-1081	Silicone Adhesive Caulk

TRACTION MOTOR ACCESSORIES

Ref.	Reference Part Number	Miller Felpax Part Number	Description
E	40053076	1485-300	Cover, Bottom Brush Inspection, EMD
E	40053181	1505-300	Cable Cleat Assembly, 2 Brackets
E	40053182	1535-300	Cable Cleat, 1 Bracket, D87, 90TR
G	84C616762P2	1576-305	Shim (Spacer) GEB-13-B1 .125
E	8164050	B-113	Commutator Ring Clamp

ENGINE PRODUCTS

Ref.	Reference Part Number	Miller Felpax Part Number	Description
E	8414444	1643-300	Water Discharge Elbow for EMD 567, 645 and 710 Engines
		1649-400	Upper Deck Oil Deflector for EMD 567, 645 and 710

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Reference

E = EMD G = GE H = HOLLAND N = NYAB P = POLYMER W = WABCO Z = ZEFTEK

Cross Reference Index

PART KITS & PRODUCTS

A. Traction Motor Kits

D29 GM-EMD	A1
D27-37 GM-EMD	A2
D29-CC GM-EMD	A3
D47-87 GM-EMD	A4
D87B-TR GM-EMD	A5
D90 GM-EMD	A6
761 GE	A7
792 GE	A8
793 GE	A9
752E4-8 GE	A10
752AF/AG GE	A11
752AH GE	A12
GE13 GE	A13

B. Locomotive Truck Kits

Two-Axle & Four-Wheel

GE Two Axle "B" Truck	B1
Four Wheel Swinghanger with Clasp Brakes	
EMD GP15-1, GP15-2, GP15T, GP38-2,	
GP39-2, GP40-2, GP49	B2
Four Wheel Swinghanger with Shoe Brakes	
EMD GP38-2, GP39-2, GP40-2, GP50	B3

Three-Axle & Six-Wheel

Three Axle Flexicoil with Clasp Brakes	
EMD SD18, SD28, SD35, SD38, SD40, SD40-2,	
SD40-2SS, SD40T-2, SD45, SD45-2, SD45T-2,	
SD50S, SDP35, SDP40F	B4
Three Axle Flexicoil with Single Shoe Brakes	
EMD SD28, SD35, SD38, SD38AC, SD38-2,	
SD39, SD40, SD40-2, SD40-2SS, SD40T-2,	
SD40X, SD45, SD45-2, SD45T-2, SD45X,	
SD50, SD50S, SDP35, SDP40, SDP40F,	
SDP45, F40C, F45, FP45	B5

GE Three Axle "C" Truck	B6
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Six-Wheel HTC Single Shoe

EMD SD40-2, SD40T-2, SD50	B7
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Six-Wheel Radial HTCR Single Shoe

EMD SD70	B8
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C. Freight Car Components

FCWP-100	
FBBG-200	
FCPL-141	
FCDB-16A	
FCDB-16B	
L-270	C1

D. Signal Products

1607-400	
1608-300	D1

E. Brake & Control Products

H-114	
H-116	
H-119A	
H-701	
H-702P	
H-705B	
B-10000	
B-15000	
B-15500	E1

F. Engine Products

1643-300	F1
1649-400	F1